

[54] **TEARING EYE DOLL**

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446/304, 392, 389

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[57] **ABSTRACT**

A tearing eye doll having a pair of synthetic eyes, each formed by an eye-shaped porous block whose face simulates the white of a human eye, and an impermeable disc seated in a recess in the face and colored to simulate an iris and a pupil therein. Received in a cavity within the block behind the disc is a nozzle for injecting water into the block, the water passing through the pores and emerging from the face to form a water film thereon from which tears drop, thereby simulating tearing activity. The eye nozzles are coupled to a miniature water reservoir disposed within the doll. The reservoir is subjected to air pressure by a compressible pneumatic actuator enclosed in a flexible arm of the doll, such that when the arm is squeezed, water forced into the eye nozzles to produce a tearing action.

12 Claims, 5 Drawing Sheets

